

METHOD AND SYSTEM FOR MATCHING AN INCIDENT TO A ROUTE

Abstract of the Disclosure

10551807-102504

The present invention provides a method and system for depicting an online map of a route along with any incidents on the route. To create the online map of a route along with any incidents on the route, a consumer first provides the origination and destination addresses of the route. Once the consumer provides the origination and destination addresses of the route a proposed route is provided for their approval. The consumer may modify the proposed route or accept it as the final route they desire. Next, the route is analyzed to determine if any traffic incidents have occurred upon it based on retrieved incident information compared with the route. This analysis comprises preparing the route by creating regions of interest around the segments composing the route, examining if any traffic incidents fall within one or more of the regions of interest, and then determining for those incidents that do fall within a region of interest if the incident is closer than a threshold value to any segment on the route. If it is, then the incident is on the route, and the final analysis determines on which segment of the route the incident should be place. The final route along with any incidents on the route is then depicted for the consumer via a